

ABSTRACT OF THE DISCLOSURE

A normal audio communication terminal can use the VoIP technology in a mobile communications system by using an audio communication circuit for a conventional wireless circuit, and

5 adding an audio communications function to a packet communication device. In a PS (packet switching) network side forming a core network in the mobile communications system, the signaling of a CS (circuit switching) call with an RNC is designed to control a CS-UP (CS side user plane) by communications with the CPU of

10 an SGSN, and the user data relating to a CS call is designed for communications with a PSTN (public switch telephone network) by way of an MGW through the CS-UP. Thus, an audio communication function can be added to a packet communication device, thereby realizing a VoIP function to a wireless circuit using an audio

15 communications circuit.